

# Converting Colors

Hex(2B8860)

Have a look what the booklet for  
Hex(2B8860) contains.

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**Color**

**Hex(2B8860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B8860
RGB	43, 136, 96
RGB Percent	17%, 53%, 38%
CMY	0.8314, 0.4667, 0.6235
CMYK	0.68, 0.00, 0.29, 0.47
HSL	154°, 52%, 35%
HSV	154°, 68%, 53%
XYZ	11.9117, 18.9664, 14.0994
YIQ	103.6330, -42.5880, -32.1560

# Conversions

## Conversions Part 2

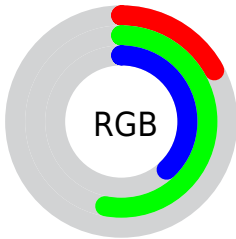
Format	Color
<b>RYB</b>	43, 102, 136
Decimal	2852960
CIELab	50.65, -37.06, 13.73
CIELCh	51, 39.520, 159.676
Yxy	18.9664, 0.2648, 0.4217
Android (android.graphics.Color)	4281043040 (0xFF2B8860)
YUV	103.6330, -3.7631, -53.1751
Hunter-Lab	43.5505, -27.3908, 11.2903

# Details

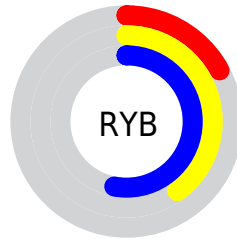
The Hex color **2B8860** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **882B53**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **64BE93**, and **005531** is the 20% darker color. If you saturate the color by 10%, you get **1D885A**, and if you desaturate by 10%, it is **398866**.

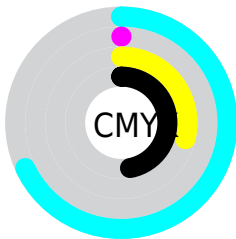
# Distribution



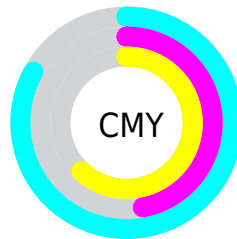
- Red (17%)
- Green (53%)
- Blue (38%)



- Red (17%)
- Yellow (40%)
- Blue (53%)



- Cyan (68%)
- Magenta (0%)
- Yellow (29%)
- Black (47%)



- Cyan (83%)
- Magenta (47%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B8860 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2B8860 by changing the saturation by 10% instead.



 2B8860

 2B8860

FFFFFF

 006E48

 64BE93


 005531

 80DAAD

 003D1C

 9CF7C9

 002804

 B8FFE5

 000400

 D5FFFF

 000000

 F2FFFF

 2B8860

 2B8860

 1D885A

 398866

■ 108854

■ 46886C

■ 02884E

■ 548872

■ 00884E

■ 618877

■ 6F887D

■ 7D8883

■ 8A8889

■ 98888F

■ A58895

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5E8343



2B8860



008A83

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B8860



5378BB



B3634F

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2B8860



882B53

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



B85C6F



2B8860



8A6BAD

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2B8860



0082B7



AB6091



9F6F39

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2B8860



008999



AB6091



B65F59



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2B8860



8BB0A0



53882B



435950



D9D9D9



595959



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2B8860



20B072



2B8288



3E4542



00854C



000503



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



882B53



B0205E



88312B



453E41



850039



050002



# Previews

## White Background



This preview shows how the Hex color 2B8860 looks on a white background.

## Color Contrast Check

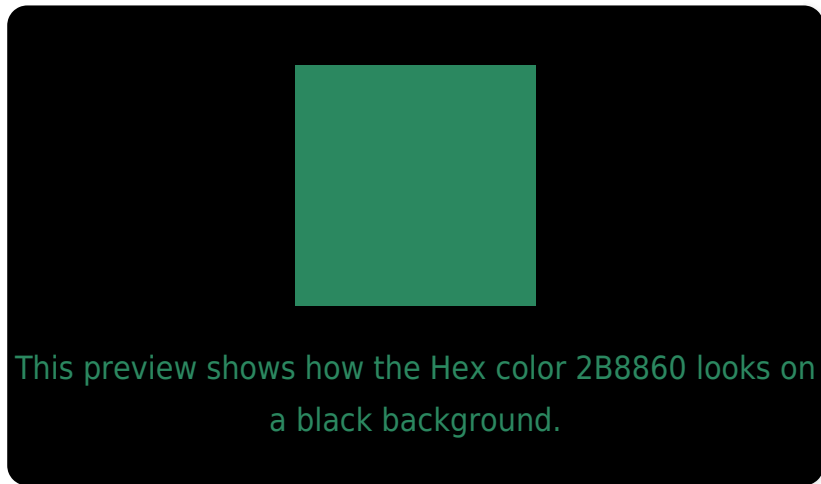
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B8860 Background



This preview shows how black text looks on a background with the Hex color 2B8860.

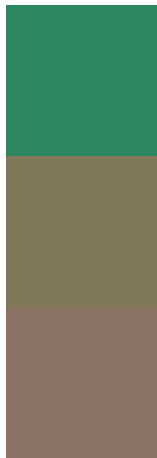


This preview shows how white text looks on a background with the Hex color 2B8860.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
2B8860

**Protanopia**  
817859

**Deuteranopia**  
8A7365



**Tritanopia**  
3D828D

# Trichromacy



**Original Color**  
2B8860



**Protanomaly**  
627E5C



**Deuteranomaly**  
677B63



**Tritanomaly**  
36847D

# Monochromacy



**Original Color**  
2B8860



**Achromatopsia**  
686868



**Achromatomaly**  
527465

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B8860 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2B8860 looks like.

```
.text, #text, p{  
    color:#2B8860  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2B8860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8860
}
```

## Border

The CSS property to change the border of an element to Hex 2B8860 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B8860 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2B8860 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2B8860 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8860; -webkit-box-shadow:4px 4px  
4px 4px #2B8860; box-shadow:4px 4px 4px  
4px #2B8860 }
```

# Background

The CSS property to change the background color of an element to Hex 2B8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8860 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2B8860 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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